January 28, 2010 9:58:50 AM

Page 1

Item ID:

D119-696-043

Accept

Setup Start

Stop

Stop

Revision ID:

Item Name:

Required Date: 2/8/2010

Dual Cargo Mirror Assy

Start Date:

1/29/2010

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date: 10-1-28 Tooling:

Date: Date: Run Start

QC:

Date:

SPC (Y/N):

Reject

Reject

Insp. Stamp

Work Center ID

Sequence ID/

Operation Description

Small Fab

Set Up/ **Run Hours**

Draw Number

Plan Draw Rev. Code Accept Qty

Qty

Number

Draw Nbr

Revision Nbr

D3074 100

A2 UXR

OK, ENSURE 0.049 WALL

TUBING IS USED G? 10.01.28

Small Fab

Small Fab

Memo

1- punch one side

- 2- slide parts in tube
- 3- punch other side
- 4- bend as per dwg D3074
- 5- drill holes as per dwg D3074

6- deburr and polish

0.00

mil 10/02/05

110

QC5- Inspect part completeness to step on W/O

0.00

QC

Quality Control

Memo

0.00

W/O:		WORK OR	DER CHANGES		-		
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
Dout No.	D119 (0)	나ろ PAR #: Fault Category: Sm	<u>พ. พ.</u> №	eg No DO	A: <u>/</u>	Date:	_

Resolution: SCYMP Disposition: SCYMP QA: N/C Closed: Date:

NCR: 5	 5702	Wo	ORK OR	DER NON-CONFORMANCE	(NCR)		A A	
		Description of NC		Corrective Action Section B		Verification	Annacas	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
		Durking inspection Found that	1	-) cut eno with sixsh through			1	
/1.1 -	#)	aty x1 Arm was posenden		hule and use le la DZb74-1				
10/12/05	100	WITH A DROSY Buchi Book	POSIUL	Sim, # Sciap/leffours.	/ ~		siur	
		R.L. Lack words	123101	\$ >\	- Poly		1	10/10/04
		R.L. Lacked Attention when		Have a/w/2/more up for				
	-		NSU42	He 03074-1	,		FOSIUL	10/ve/05
	/			Scrol + John	M-1		1	
			Moseum	ha lite According to Down		E volvo/22	Kostur	5
NOTE: Da	ate & initi	al all entries	 	1 1111111111111111111111111111111111111	<u> </u>			10/02/63

January 28, 2010 9:58:50 AM

Page 2

Required Date: 2/8/2010

Item ID:

D119-696-043

Accept



Setup Start

Stop



Revision ID:

Item Name:

Dual Cargo Mirror Assy

Start Date:

1/29/2010

Start Oty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Process Plan: **Approvals:**

QC:

Date:

Tooling:

Date:

Run Start

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

120

Small Fab

Small Fab

Operation Description

Small Fab

Memo

Assemble as per dwg D3074

QC5- Inspect part completeness to step on W/O

Set Up/ **Run Hours** 0.00

Draw Number Draw Plan Rev. Code

Accept Oty

Reject Qty

Reject Number Stamp

Insp.

130

Quality Control

Memo

140

Packaging

Identify as per dwg & Stock Location:

Memo

0.00

0.00

10-2-17

Packaging

Dart Aerospa	ace Ltd	
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W/O:			WO	RK ORDER CHANG	GES					
DATE	STEP	PRO	OCEDURE CHAN	IGE	В	/	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
										
Part No		PAR #:								
	Re	esolution:	Disposition	:	QA: N/	C Clos	sed:		Date: _	
NCR:		•	WORK ORDE	R NON-CONFORM	ANCE (N	ICR)				
DATE	STEP	Description of NC Section A	Initial	Corrective Action Sec Action Description	tion B	gn &	Verifica		Approval	Approval
		Section A	Chief Eng	Chief Eng		ate	Sectio	n C	Chief Eng	QC Inspector

Page 3

January 28, 2010 9:58:50 AM

Item ID:

D119-696-043

Accept



Date:

Setup Start

Stop



Revision ID:

Item Name:

Dual Cargo Mirror Assy

Start Date:

1/29/2010

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

QC: ___

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Run

Start

Qty

Stop

Sequence ID/ Work Center ID

Required Date: 2/8/2010

Operation Description

QC21- Final Inspection - Work Order Release

Set Up/ **Run Hours** Draw Number

Plan Draw Rev. Code

Accept Qty

Reject Reject

Insp. Number Stamp

150

Quality Control

Memo

0.00

0.00

10/02/18 HJ MF 10-2-17

W/O:			W	ORK ORDER CHANG	iES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQ	A:	Date:	
	Re	esolution:	Dispositio	n:	_ QA: N/C C	losed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORM	ANCE (NCI	₹)			·
DATE	STEP	Description of NC			ion B	Verific	ation	Approval	Approval
J/112	O.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date	& Secti		Chief Eng	QC Inspector
				•					
					ĺ				

Picklist Print

January 28, 2010 9:58:49 AM

Work Order ID: 55702

Parent Item Name:

Parent Item: D119-696-043

Dual Cargo Mirror Assy

Comments:



Start Date: 1/29/2010

Required Date: 2/8/2010

Page 1

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD10 Washer		Purchased ASIIYAD		363 I			Each	0.0000		24×	mp	10/02/51
D2011-101		Manufactured	No	M	113288		Each	39.0000	8.0000	· ~~· · · · · · · · · · · · · · · · · ·		
				<u>Warehou</u> <u>Locat</u> Main War	<u>ion</u>	<u>Loc Q</u>	<u>ty</u>	Loc Code				
D2054		Manufactured	No	ST	53992		39 39 Each	23.0000	8.0000 	BX.	m.k	6/02/08
Dusting				Warehou Locat Main War ST00	<u>ion</u> ehouse	<u>Loc 0</u> B S S 7		Loc Code		Sn col	102/04 10/0 m-h	2/01
D2055		Manufactured	No	(53179		23 Each	12.0000	8.0000	8X	m-k	
Cimity				<u>Warehou</u> <u>Locat</u>		Loc Q	<u>ty</u>	Loc Code				1/

12 12

Main Warehouse

4X m-2 10/02/01 35726

Dart	Aeros	pace	Ltd
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W/O:			WC	RK ORDER CHANG	GES					Ŧ
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	,	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								-		
Part No	:	PAR #:	Fault Cated	norv.	NCR: Y	es N	o DO] ^ -	Date:	
		esolution:								
NCR:		1	WORK ORDI	ER NON-CONFORM	ANCE (N	CR)				
DATE	STEP	Description of NC	Initial		ction B	gn &	Verific		Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng		ate	Secti	on C	Chief Eng	QC Inspector
									-	

January 28, 2010 9:58:49 AM

Work Order ID: 55702

Parent Item:

D119-696-043

Parent Item Name:

Dual Cargo Mirror Assy

1PP Rev: A 1708-02-191 New issue 11DD verified by: L1



Start Date: 1/29/2010

Required Date: 2/8/2010

Start Oty: 4.00

Required Oty: 4.00

Comments:	PP Rev:A□08-02-	19 New issue []	DD v	erified by: LL					Start Qty: 4.0		Required Qty: 4	.00
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pic		Date Issued	Status
D2056 Bell Crank		Manufactured	No				Each	2.0000	4.0000	6-1-29 35559	$\int (yx)^{-1}$	S
Don Craim				<u>Wareho</u> <u>Loc</u>	use ation	<u>Loc</u> (<u>Otv</u>	Loc Code	,	55 557	γ · · ·	/ /
				Main Wain Wa	06		2				7	
D3072-1		Manufactured	No		51429		2 Each	13.0000	4.0000	. ;		
Bracket					ation	Loc	<u>Oty</u>	Loc Code			. 1) 1
				Main W	37635 53119		13 1 12			——————————————————————————————————————	12/06 m-h	2101
D3072-2		Manufactured	No	(Each	11.0000	4.0000			
Blacket					ation	<u>Loc (</u>	<u>Oty</u>	Loc Code				
				Main w ST	37636		11 1 10				10/02, m-L	101
				(53120		10			-7 X -	MINIT	

W/O:		WORK ORDER CHANG	iES				<u></u>
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr.	Approval QC Inspector
10.0128	N/A	ACCEPTABLE TO USE 0.049" WALL 304 TOTE: REF NOR 09,-102				10.01.28 0x1 042	Solotos
·							

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
Resolution:		Disposition:	QA: N/C Closed:	Date:

NCR:			WORK ORDE	R NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section B		Verification		A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspecto
70.50								

January 28, 2010 9:58:49 AM

Work Order ID: 55702

Parent Item:

D119-696-043

Parent Item Name:

Dual Cargo Mirror Assy

Comments: .

IPP Rev:A□08-02-19□New issue □DD verified by: LL

Start Date: 1/29/2010

Required Date: 2/8/2010

Start Qty: 4.00

Required Qty: 4.00

Date

Component Item ID/ Item Name

Replacement Mfg/ Item ID

Purch

Bin Primary Item Location Last Route Location Seq ID Unit of

Qty on Measure Hand

Remaining Oty To Pick

Qty Issued

Status Issued

M304TR0.500W.049

Purchased

No

86.5100

Loc Code

14.6947

304 RD Tube .500 x .049W

SEE WW CHG, PREV PAGE

MS21042L3

Nut

Purchased

No

Warehouse Location

Main Warehouse

MAT

86.5099895

Loc Oty

2,943.000 12.0000

86.5099895 Each

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	2943	
110844	35	
111274	27	
111668	52	
112314	331	
112385	498	
1i3523	300	
113537	700	
113644	1000	

14.6947

	•									
W/O:			WO	RK ORDER CHANG	GES					•
DATE	STEP	PROCEDURE CHANGE			Ву	,	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:								
	Res	olution:					ed:		Date:	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (N	CR)				
DATE	STEP	Description of NC			ction B		Verific	cation	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng		gn & ate	Secti	on C	Chief Eng	QC Inspector
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Picklist Print

Page 4

January 28, 2010 9:58:49 AM

Work Order ID: 55702

Parent Item:

Comments:

D119-696-043

Parent Item Name: Dual Cargo Mirror Assy

IPP Rev:A(108-02-19) New issue TDD verified by: LL

Start Date: 1/29/2010

Start Qty: 4.00

Required Date: 2/8/2010

Required Qty: 4.00

Component Item ID/

Replacement Mfg/ Item ID

Purch

Bin Primary Item Location

Last Location Route Seq ID Unit of Measure Hand

Each

Qty on

Remaining Qty Qty To Pick Issued Date Issued

Status

Item Name MS27039-1-18

Purchased

No

36.0000

12.0000

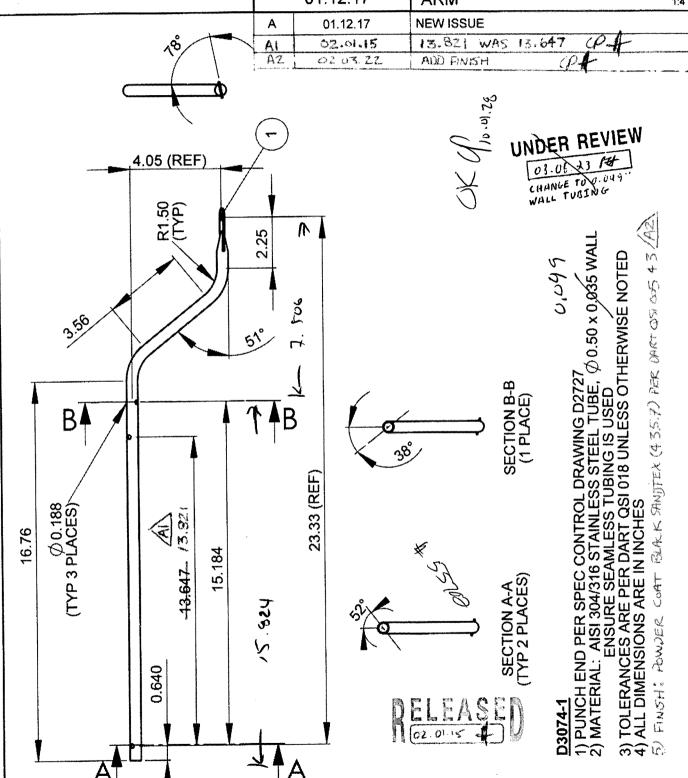
Screw

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	36	
(110916)	36	

W/O:			W	ORK ORDER CHANG	3FS				•
DATE STEP		PRO	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			1011						
Part No	•	PAR #:	Fault Cat	egory:	NCR: Yes	No DQ	A:	Date:	
		esolution:							
NCR:		\	WORK ORE	DER NON-CONFORM	ANCE (NCI	R)			
DATE	STEP	Description of NC			ction B	Verific	cation	Approval	Approval
	O.E.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date	Secti	ion C	Chief Eng	QC Inspector
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	4		D3074	SHEET 1 OF 2
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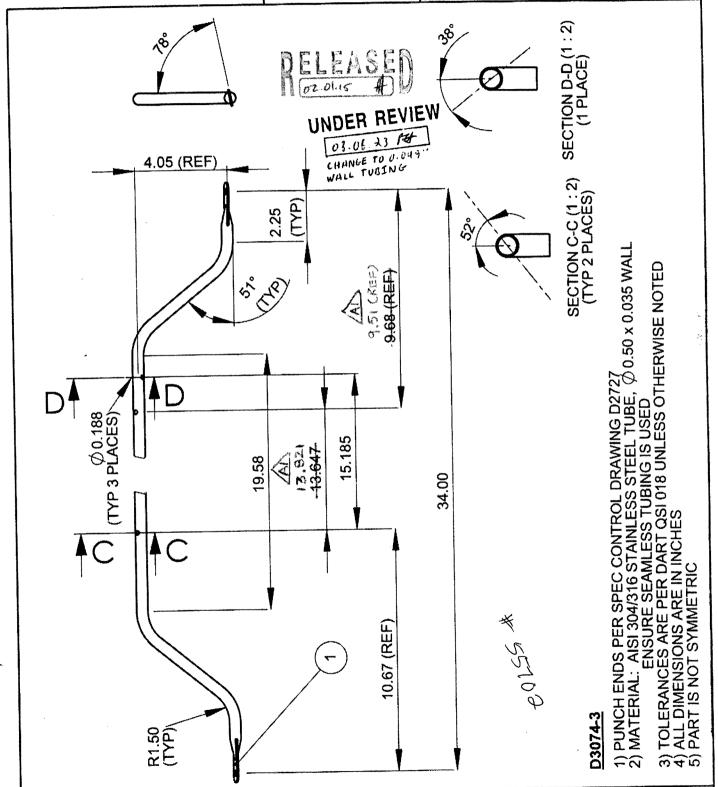
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W/O:			WC	RK ORDER CHANG	ES				
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQ	A :	_ Date: _	- Andrews
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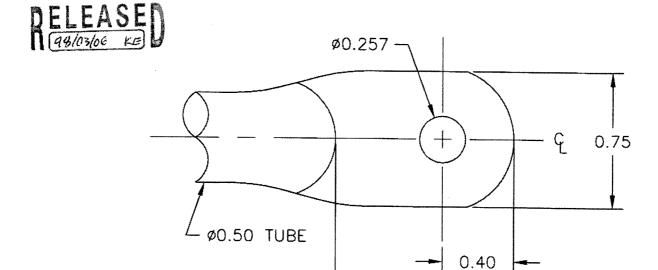
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DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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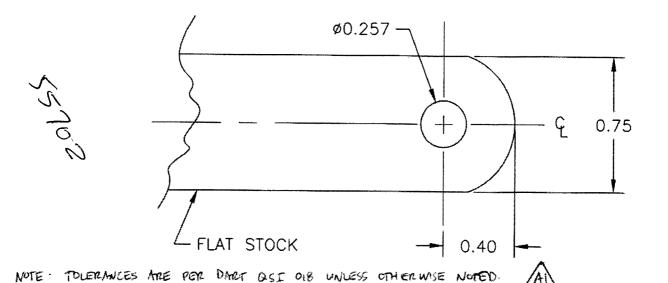




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SPECIFICATION CONTROL DRAWING FOR PUNCH DT8012





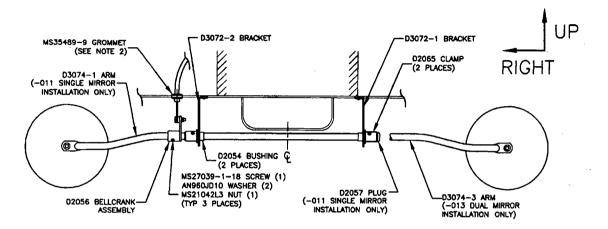


Figure 25-2 – View A: Looking Aft (D119-696-011/-013 Mirror Shown)

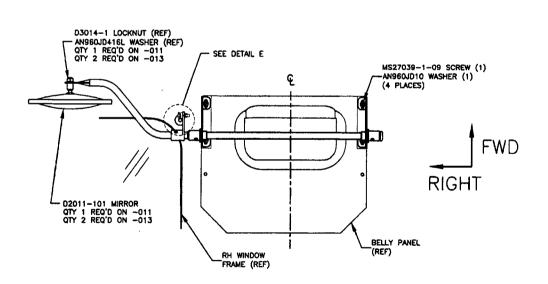


Figure 25-3 – View B: Looking Up (D119-696-011 Mirror Shown, -013 similar)

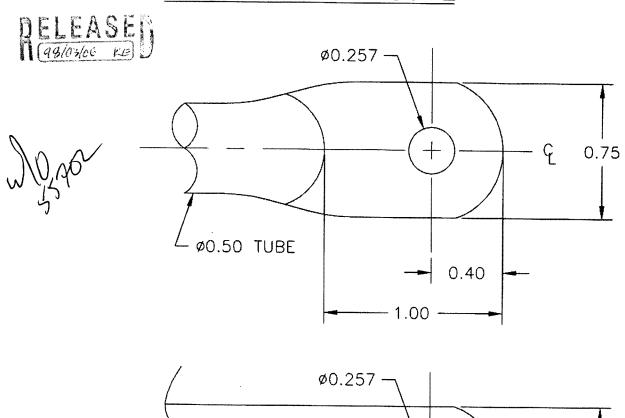
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SPECIFICATION CONTROL DRAWING FOR PUNCH DT8012



FLAT STOCK - 0.40

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